

ASHWATH P

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EDUCATION

SRM Institute of Science and Technology
B.Tech – Computer Science Engineering (AI & ML)
CGPA: 9.35/10

Chennai
Sep 2022 – Jun 2026

EXPERIENCE

Tech Intern — Nokia Solutions and Networks
Tamil Nadu

Oct 2025 – Present

- Increased ML-based vision inspection accuracy by **15–20%**.
- Accelerated decision-making by **30%** via large-scale data analysis.
- Built full-stack trainee platform reducing system latency by **40%**.

PROJECTS

Real-Time Face Anti-Spoofing System

TensorFlow, MiniFASNet, Fourier Features, RetinaFace

- Achieved **98.55% accuracy** with AUC **0.98**.
- Optimized inference pipeline to **<100 ms** latency.

AI-Powered Resume Analyzer

Python, Streamlit, Sentence-Transformers, Pandas, Plotly, PyPDF2, pdfplumber

- Built AI-driven resume analyzer using **MPNet-v2** with **5D ATS scoring**.
- Implemented semantic resume parsing for **PDF/DOCX/TXT** with Plotly analytics.

SKILLS

Programming: Python, C, SQL, HTML

Frameworks: TensorFlow, PyTorch, Keras, Scikit-learn, Streamlit, Plotly, Sentence-Transformers

Libraries: NumPy, Pandas, OpenCV, Matplotlib, Seaborn, PyPDF2, pdfplumber

Tools: GitHub, VS Code, Colab, Jupyter, REST APIs

CERTIFICATIONS

- Python Certification
- Neural Networks
- AI Foundations
- Natural Language Processing
- Machine Learning
- Generative AI

RESEARCH WORK & PUBLICATIONS

Diabetic Retinopathy Detection Using ML

IEEE ICRASET 2024

- Achieved **97% accuracy** using CNN + LSTM + transfer learning.

VOLUNTEERING

Data Analyst & Instructor — RBI Staff Quarters School

Jun 2024 – Jul 2024

- Analyzed academic datasets for insights.
- Taught CS, English, and Mathematics.